

Listing of Claims:

1. (Currently Amended) A photosensor device ~~, which~~
~~comprises~~ comprising:

a light-applying fiber to apply an inspection light to a
subject to be inspected;

5 a light-receiving fiber to receive a reflected light from
the subject to be inspected;

a laser beam source to emit the inspection light to the
light-applying fiber;

10 a photosensor to receive the reflected light via the
light-receiving fiber; and

A a casing enclosing the light-applying fiber, the
light-receiving fiber, the laser beam source and the photosensor,

wherein the light-applying fiber and the light-receiving
fiber are bundled to form a fiber bundle, and an objective
15 optical system is provided at a front end of the fiber bundle.

2. (Currently Amended) The photosensor device according to
Claim 1, wherein the photosensor device comprises fiber arrays
obtained by disposing plural channels of sensor units in the
casing, and wherein each of the sensor ~~unit~~ units as one channel
5 comprises the one said light-applying fiber, one said fiber
bundle, the light-receiving fiber which forms a pair with the

~~light-applying fiber, the one said~~ laser beam source connected to
the light-applying fiber of the fiber bundle, and ~~the one said~~
photosensor connected to the light-receiving fiber of the fiber
10 bundle.

3. (Currently Amended) A disk inspection apparatus for
irradiating an inspection light on a surface of a rotating disk
and inspecting surface conditions of the disk based on a
reflected light, ~~which comprises~~ said disk inspection apparatus
5 comprising:

a turning table for rotating the disk ~~fitted thereon~~;
a photosensor body disposed opposite to the surface of the
disk; and

a transfer means for reciprocally transferring the
10 photosensor body in a direction perpendicular to a rotating
direction of the disk along the surface of the disk;

wherein the photosensor body comprises a fiber array
constructed by arranging sensor units as multi-channels, and
wherein each of the sensor units ~~comprising as one unit,~~
15 comprises:

a light-applying fiber,
a light-receiving fiber which ~~forms a pair~~ is bundled
with the light-applying fiber to form a fiber bundle,

20? a laser beam source ~~connected~~ to emit the inspection
light to the light-applying fiber, and

a photosensor to receive the reflected light
via ~~connected to~~ the light-receiving fiber, and

an objective optical system provided at a front end of
the fiber bundle.

Q1 4. (Currently Amended) The disk inspection apparatus
according to Claim 3, wherein a plurality of the fiber arrays are
arranged in plural lines in ~~such~~ a state such that phases of
adjacent fiber arrays are shifted.